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- Yeung E, Lee C, Tsui T, Au Yeung M, Li R, Cheung C: Clinical course of patients with myasthenia gravis in Hong Kong, 639

- Ye Y, Zhu D, Wang K, Wu J, Feng J, Ma D, Xing Y, Jiang X: Clinical and electrophysiological features of the 2007 Guillain-Barré syndrome epidemic in northeast China, 311
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